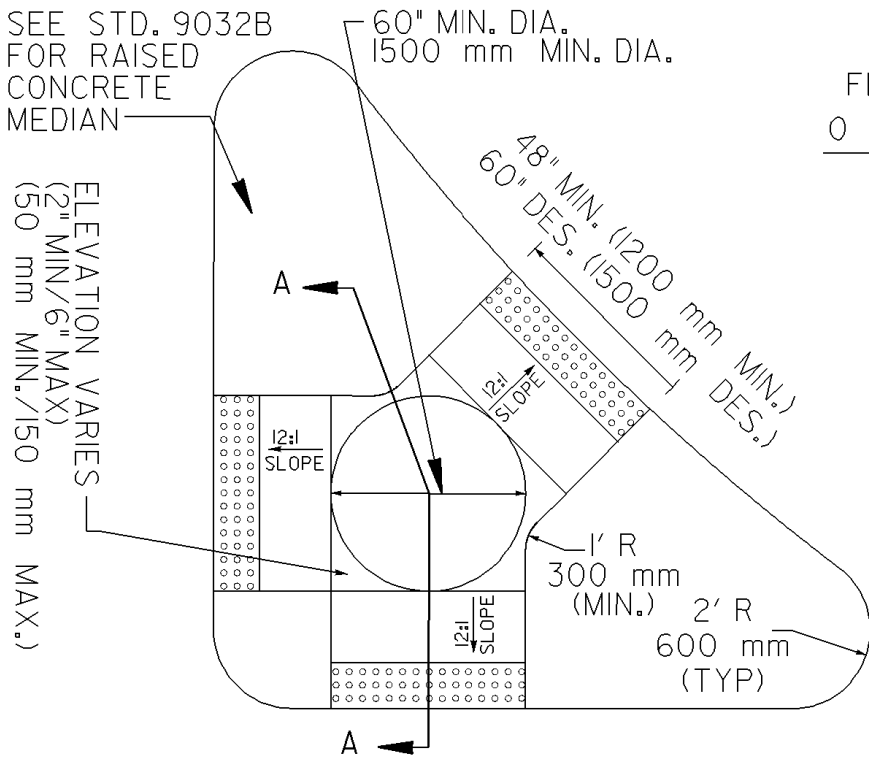
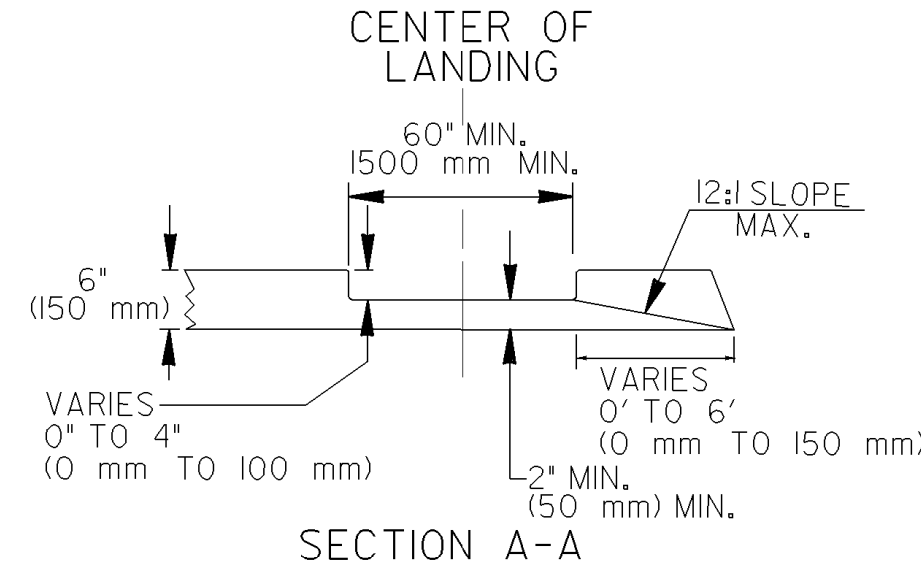
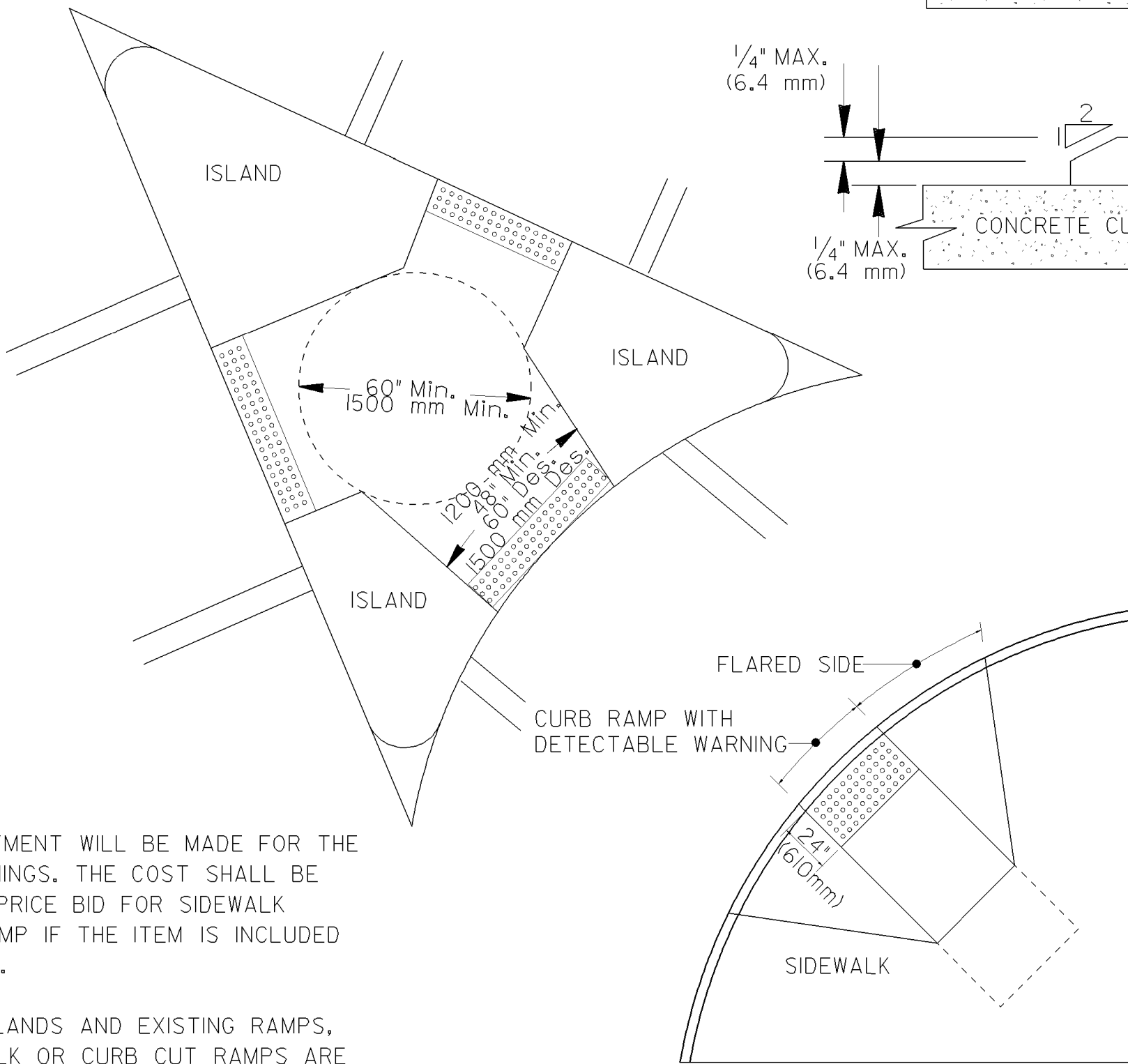


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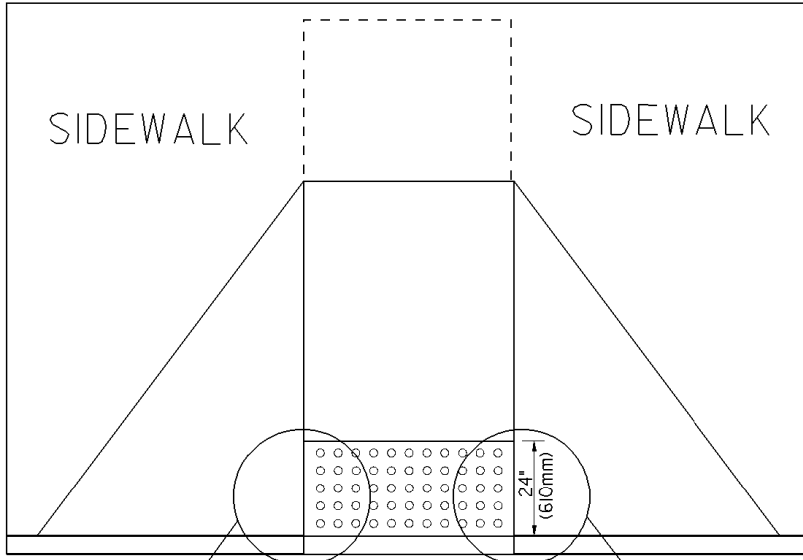
CONCRETE ISLAND WITH ELEVATED CUT THROUGH



NO SEPARATE PAYMENT WILL BE MADE FOR THE
DETECTABLE WARNINGS. THE COST SHALL BE
INCLUDED IN THE PRICE BID FOR SIDEWALK
(OR CURB CUT RAMP IF THE ITEM IS INCLUDED
IN THE PROPOSAL).

FOR CUT-THRU ISLANDS AND EXISTING RAMPS,
WHERE NO SIDEWALK OR CURB CUT RAMPS ARE
IN THE PROPOSAL, THE COST OF THE DETECTABLE
WARINGS SHALL BE INCLUDED IN THE OVERALL BID
PRICE SUBMITTED.

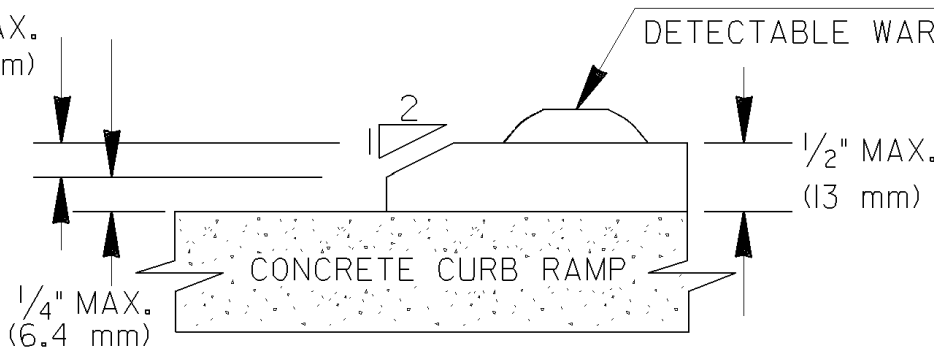
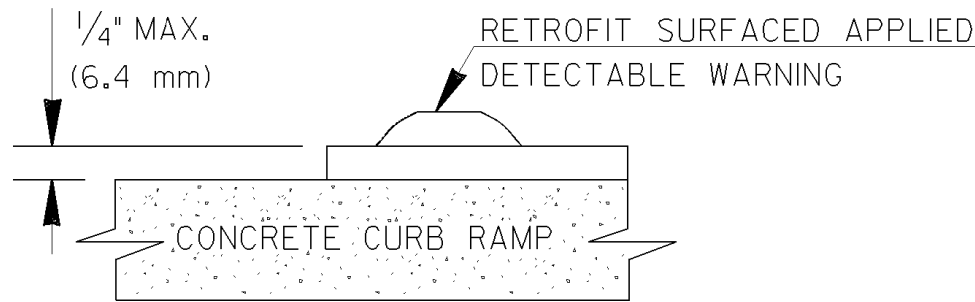
DETAIL FOR DETECTABLE
WARNING AT CUT-THRU CONCRETE ISLAND



FLARED SIDE
0 TO 1/4" MAX.

CURB RAMP
WITH DETECTABLE
WARNING

0 TO 1/4" MAX.

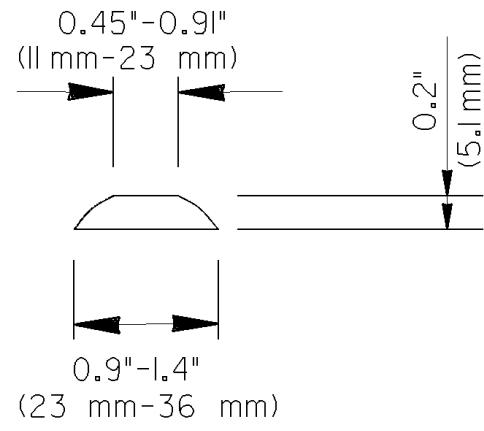


SIZE: DETECTABLE WARNINGS SHALL BE 24 INCHES (610 mm) IN THE DIRECTION OF PEDESTRAIN TRAVEL
AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.

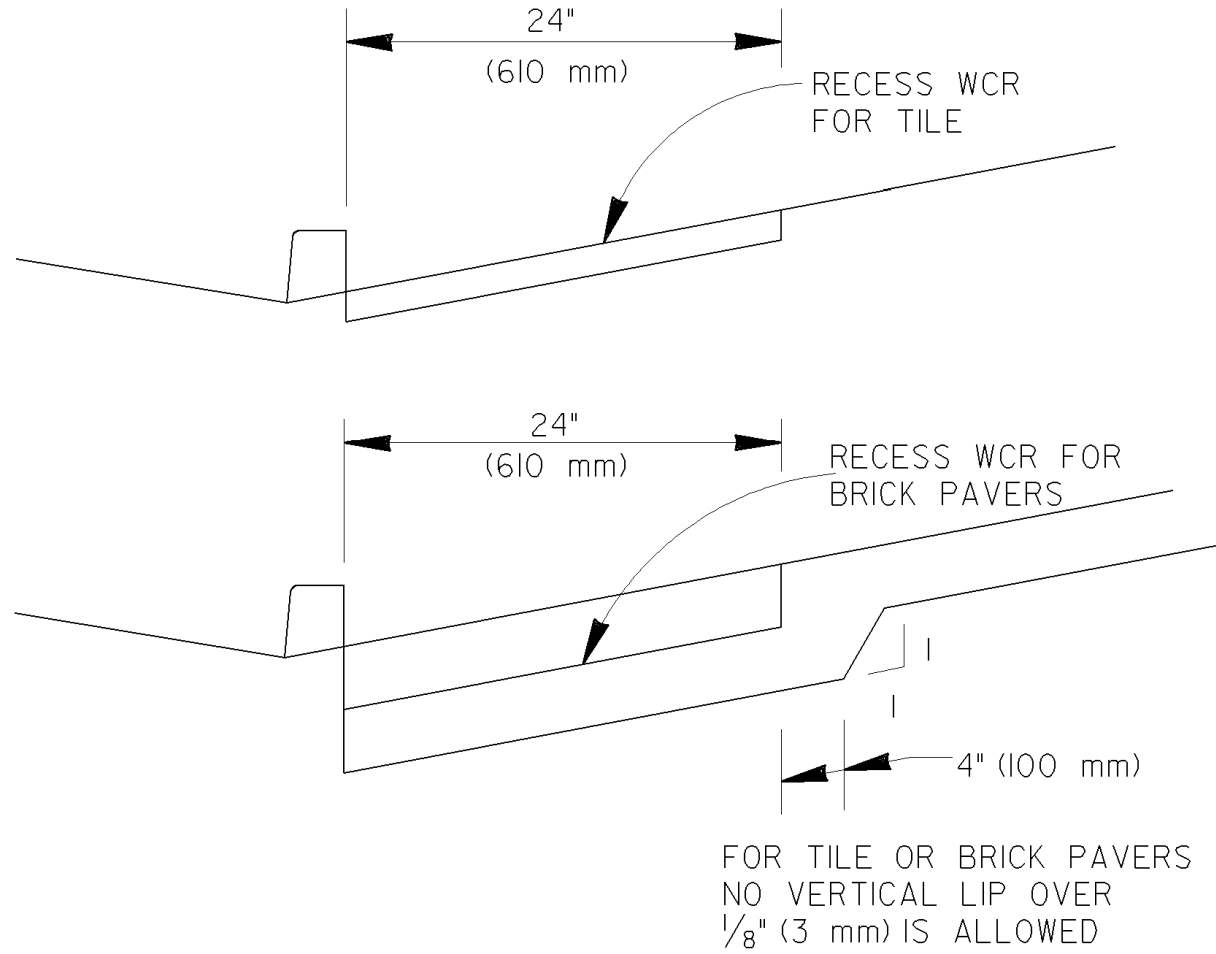
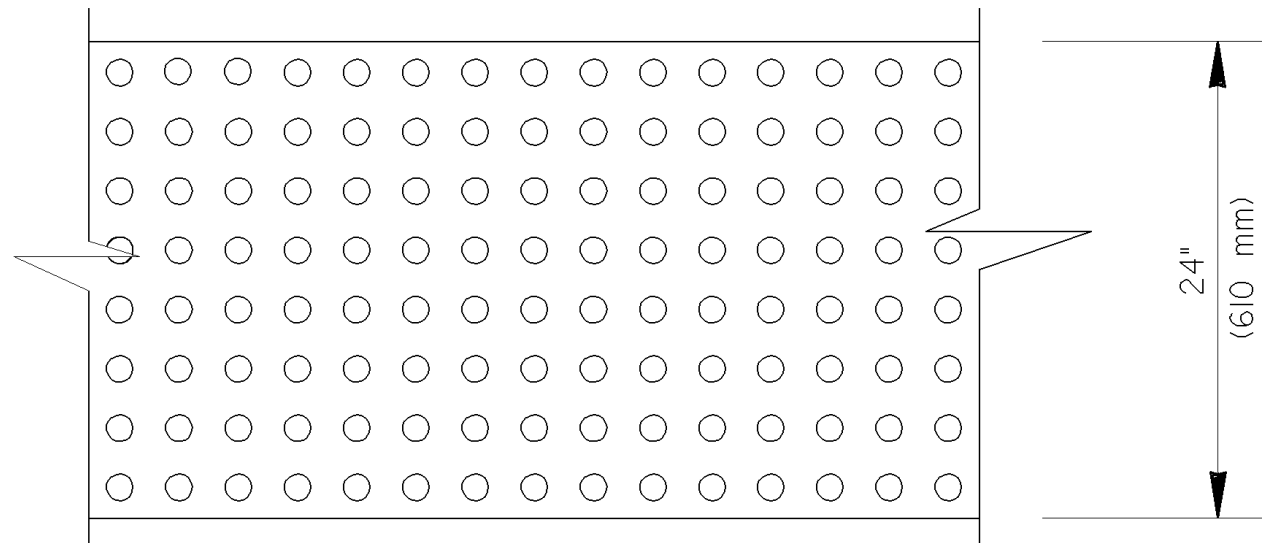
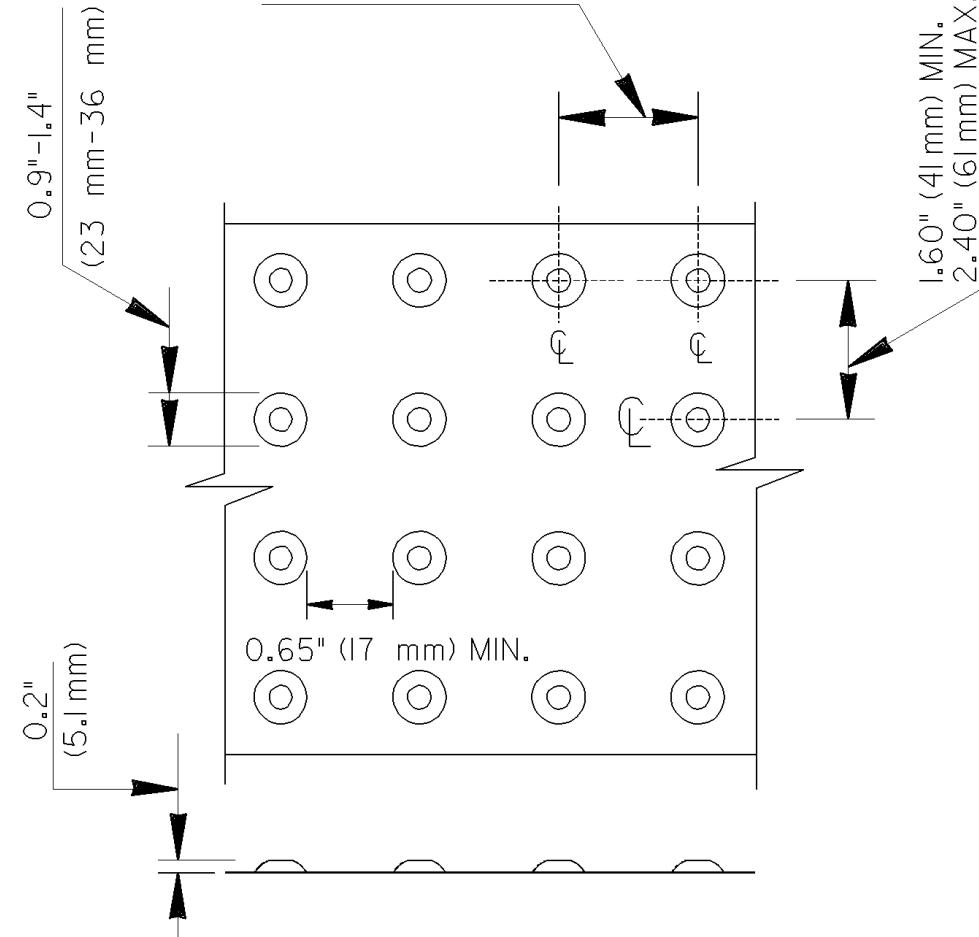
LOCATION: THE DETECTABLE WARNING SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE
OR OTHER POTENTIAL HAZARD IS 6 TO 8 INCHES (150 mm to 180mm) FROM THE CURB LINE OR
OTHER POTENTIAL HAZARD, SUCH AS A REFLECTIVE POOL EDGE OR THE DYNAMIC ENVELOPE OF
RAIL OPERATIONS.

DOMES SIZE AND SPACING: TRUNCATED DOMES SHALL HAVE A BASE DIAMETER OF 0.9 INCH TO 1.4 INCH (23mm-36mm) AT
THE BOTTOM, A DIAMETER OF 0.45 INCH TO 0.9 INCH (11mm-23mm) AT THE TOP, THE TOP DIAMETER
SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMETER, A HEIGHT
OF 0.2 INCH (5.1mm) AND A CENTER-TO-CENTER SPACING OF 2.40 INCHES (61mm) DESIRABLE
1.60 INCHES (41mm) MINIMUM MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT. DOMES
SHALL HAVE A SQUARE ARRANGEMENT. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE
PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.

VISUAL CONTRAST: DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH THE ADJACENT WALKING SURFACE
EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE VISUAL CONTRAST
SHALL BE AN INTEGRAL PART OF THE DETECTABLE WARNING SURFACE.



1.60" (41 mm) MIN.
2.40" (61 mm) MAX.



MATERIALS:

NEW CONSTRUCTION

THE DETECTABLE WARNINGS SHALL BE MADE OF
MATERIALS SPECIFIED ON OPL 87.

RETROFIT OF EXISTING RAMPS

SURFACED APPLIED MATERIALS WILL ONLY BE
APPROVED TO BE USED ON EXISTING WHEELCHAIR
RAMPS.

INSTALLATION:

BRICK PAVERS SHALL BE SET IN A WET
MORTAR BED. THE BED SHALL BE PLACED ON
CONCRETE. THE CONCRETE SHALL BE A MINIMUM
OF 4" THICK.

CERAMIC TILE SHALL BE EPOXIED IN PLACE OR
SET IN A WET MORTAR BED. MANUFACTURER
RECOMMEND ADHESIVE OR FASTENER SHALL BE
USED IN THE INSTALLATION.

ALL OTHER MATERIALS SHALL BE INSTALLED
ACCORDING TO MANUFACTURES DETAILS OR
INSTRUCTION.

GENERAL NOTES:

RETROFIT SURFACED APPLIED MATERIALS ONLY:

- CHANGES IN LEVEL OF 1/4" (6.4 mm) HIGH MAXIMUM
SHALL BE PERMITTED VERTICALLY ON SURFACED
APPLIED MATERIALS.
- CHANGES IN LEVEL BETWEEN 1/4" (6.4 mm) HIGH
MINIMUM AND 1/2" (13mm) HIGH MAXIMUM SHALL BE
BELEVELED WITH A SLOPE NOT STEEPER THAN 2:1.

6-18-03	ADDED RETROFIT DETAIL	ADDED ALT. RAMP	DETAIL AND GEN. NOTES	ADDED TOLERANCE TO DTL.	REVISED/UNCUT DOMES	AND NOTES.	REVISED	REVISED	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
										SPECIAL DETAIL
										DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS
										NO SCALE
										MARCH 12, 2002
										NUMBER A4

AS-BUILT PLANS 12/12/12

REVISION DATES
